JAP15 Rec'd PCT/PTO 06 FEB 2007

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| FORM PTO-1390<br>(REV. 01-2003)  |            | US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE   |  | ATTORNEY'S DOCKET NUMBER<br>128268               |  |  |  |  |  |  |  |
| TRANSMITTAL LETTER TO THE UNITED STATES  DESIGNATED/ELECTED OFFICE (DO/EO/US)  U.S. APPLICATION NO. (If known, see 37 CFF 10/582,684 |            |   |  |  |  |  |  |  |  |  |  |
| CONCERNING A FILING UNDER 35 U.S.C. 371  |            |   |  |  |  |  |  |  |  |  |  |
|  |            | NAL APPLICATION NO.<br>4/019292   | INTERNATIONAL FILING DATE<br>December 16, 2004 | PRIORITY DATE CLAIMED December 24, 2003          |  |  |  |  |  |  |  |
| TITLE OF INVENTION FUEL CELL   |            |   |  |  |  |  |  |  |  |  |  |
| APPLICANTS FOR DO/EO/US<br>Satoshi AOYAMA et al.   |            |   |  |  |  |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:      |            |   |  |  |  |  |  |  |  |  |  |
| 1.   | ו כ        | This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.   |  |  |  |  |  |  |  |  |  |
| 2. 🔯   | 3 7        | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |  |  |  |  |  |  |  |  |  |
| 3.   |            | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |  |  |  |  |  |  |  |  |
| 4.   | ] 1        | The US has been elected (Article 31).   |  |  |  |  |  |  |  |  |  |
| 5.   | ] /        | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |  |  |  |  |  |  |  |  |  |
|  | ē          | a.  is attached hereto (required only if not communicated by the International Bureau).   |  |  |  |  |  |  |  |  |  |
|  | t          | b.  |  |  |  |  |  |  |  |  |  |
|  | c          | c.  is not required, as the application was filed in the United States Receiving Office (RO/US).  |  |  |  |  |  |  |  |  |  |
| 6.   | ] /        | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))   |  |  |  |  |  |  |  |  |  |
|  | ε          | a.  is attached hereto.   |  |  |  |  |  |  |  |  |  |
|  | t          | b.  has been previously submitted under 35 U.S.C. 154(d)(4).  |  |  |  |  |  |  |  |  |  |
|  | c          | c.  The International Application was filed in English.   |  |  |  |  |  |  |  |  |  |
| 7.   | J /        | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  |  |  |  |  |  |  |  |  |  |
|  | ē          | a.   are attached hereto (required only if not communicated by the International Bureau).   |  |  |  |  |  |  |  |  |  |
|  | t          | b.  have been communicated by the International Bureau.   |  |  |  |  |  |  |  |  |  |
|  | c          | .  have not been made; howe   | ver, the time limit for making such a          | amendments has NOT expired.                      |  |  |  |  |  |  |  |
|  | c          | I.  have not been made and w  | ill not be made.                               |  |  |  |  |  |  |  |  |
| 8.   | J /        | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |  |  |  |  |  |  |  |  |
| 9.   | J /        | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  |  |  |  |  |  |  |  |  |  |
| 10.  |            | An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).                    |  |  |  |  |  |  |  |  |  |
| Items 1  | 1 to       | 20 below concern document(s)  | or information included:                       |  |  |  |  |  |  |  |  |
| 11.  | J /        | An Information Disclosure Stateme   | ent under 37 CFR 1.97 and 1.98.                |  |  |  |  |  |  |  |  |
| 12.  | J /        | An assignment document for recor  | rding. A separate cover sheet in co            | impliance with 37 CFR 3.28 and 3.31 is included. |  |  |  |  |  |  |  |
| 13.  | J /        | A preliminary amendment.  |  |  |  |  |  |  |  |  |  |
| 14.  | J /        | An Application Data Sheet under 37 CFR 1.76.  |  |  |  |  |  |  |  |  |  |
| 15.  | ] /        | A substitute specification.   |  |  |  |  |  |  |  |  |  |
| 16.  | J /        | A power of attorney and/or change of address letter.  |  |  |  |  |  |  |  |  |  |
| 17.  | J /        | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.  |  |  |  |  |  |  |  |  |  |
| 18.  | J /        | A second copy of the published international application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |  |  |
| 19.  | <b>]</b> / | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |  |  |  |
| 20.  | <b>3</b> 1 | Notification of Acceptance and Official Filing Receipt Status Request.  |  |  |  |  |  |  |  |  |  |
|  |            |   |  |  |  |  |  |  |  |  |  |
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| U.S. APPLICATION NO. (if known, see 37 C.F 10/582,684  | ATTORNEY'S DOCKET NUMBER 128268 |   |  |          |              |    |  |  |  |  |  |
|--|---------------------------------|---|--|----------|--------------|----|--|--|--|--|--|
| 21.  The following fees are sub  | CALCULATIONS PTO USE ONLY       |   |  |          |              |    |  |  |  |  |  |
| 2  |                                 | 20021110110   | 1.0 002 0121                           |          |              |    |  |  |  |  |  |
|  |                                 |   |  |          |              |    |  |  |  |  |  |
| BASIC NATIONAL FEE (37 CFR 1.  | \$                              |   |  |          |              |    |  |  |  |  |  |
| SEARCH FEE (37 CFR 1.492(b)(1)   | \$                              |   |  |          |              |    |  |  |  |  |  |
| International preliminary examination the USPTO as IPEA or ISA and favindustrial applicability for all claims pational phase   |                                 |   |  |          |              |    |  |  |  |  |  |
| International search fee (37 CFR 1   |                                 |   |  |          |              |    |  |  |  |  |  |
| International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA   |                                 |   |  |          |              |    |  |  |  |  |  |
| International search report provided to USPTO no later than the time at which the search fee is paid\$ 400.00  |                                 |   |  |          |              |    |  |  |  |  |  |
| All situations not provided for above  |                                 |   |  |          |              |    |  |  |  |  |  |
| <b>EXAMINATION FEE (37 CFR 1.492</b>   | (c)(1)-(2)):                    |   |  | \$       |              |    |  |  |  |  |  |
| International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase |                                 |   |  |          |              |    |  |  |  |  |  |
| All situations not provided for above  |                                 |   | \$ 200.00                              |          |              |    |  |  |  |  |  |
| All situations not provided for above  |                                 |   |  |          |              |    |  |  |  |  |  |
| APPLICATION SIZE FEE   | ÷ 50                            | = +   | x 250 =                                | \$       |              |    |  |  |  |  |  |
| Total pages - 100 =  |                                 | <u> </u>  | ····                                   |          |              |    |  |  |  |  |  |
| †round up to next integer  CLAIMS NUMB   | <b>S</b>                        |   |  |          |              |    |  |  |  |  |  |
| TOTAL CLAIMS   | ER FILED                        | NUMBER EXTRA  | RATE<br>x 50.00 =                      | \$       |              |    |  |  |  |  |  |
| INDEPENDENT CLAIMS   | - 3                             | =   | x 200.00 =                             | \$       |              |    |  |  |  |  |  |
| MULTIPLE DEPENDENT CLAIM(S   | (if applicable                  | e)  | + 360.00 =                             | \$       |              |    |  |  |  |  |  |
|  | \$                              |   |  |          |              |    |  |  |  |  |  |
| Applicant claims small entity stareduced by ½.   | atus. See 37                    | 7 CFR 1.27. The fees                                  | indicated above are                    | \$       | - 4          |    |  |  |  |  |  |
| reduced by 72.   |                                 |   | SUBTOTAL =                             | \$       |              |    |  |  |  |  |  |
| Processing fee of \$130.00 for furnis the earliest claimed priority date (37   | hing the Eng                    | glish translation later th                            |  | \$       |              |    |  |  |  |  |  |
| the camest claimed phony date (or  |                                 |   | NATIONAL FEE =                         | \$       |              |    |  |  |  |  |  |
| Fee for recording the enclosed assignaccompanied by an appropriate cov   | gnment (37 o                    | CFR 1.21(h)). The ass<br>CFR 3.28, 3.31). <b>\$40</b> | signment must be<br>.00 per property + | \$       |              |    |  |  |  |  |  |
|  |                                 |   | ES ENCLOSED =                          | \$       |              |    |  |  |  |  |  |
|  |                                 |   |  |          | Amount to be |    |  |  |  |  |  |
|  |                                 |   |  | $\vdash$ | refunded:    | \$ |  |  |  |  |  |
| a. Check No. in the  | I                               | charged:  | \$                                     |          |              |    |  |  |  |  |  |
| b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this   |                                 |   |  |          |              |    |  |  |  |  |  |
| sheet is enclosed.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.                                   |                                 |   |  |          |              |    |  |  |  |  |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.                           |                                 |   |  |          |              |    |  |  |  |  |  |
| NOTE: Where an appropriate til   |                                 |   |  |          |              |    |  |  |  |  |  |
| must be filed and grante SEND ALL CORRESPONDENCE   | d to restore                    | e the application to p                                | ending status.                         |          |              |    |  |  |  |  |  |
| OLIFF & BERRIDGE, PLC  |                                 |   |  |          |              |    |  |  |  |  |  |
| Customer Number: 25944  NAME: James A. Oliff  REGISTRATION NUMBER: 27,075  |                                 |   |  |          |              |    |  |  |  |  |  |
| Date <u>February 6, 2007</u>   |                                 |   | NAME: Jame                             |          |              |    |  |  |  |  |  |
|  |                                 |   |  |          | UMBER: 58,1  | 82 |  |  |  |  |  |
|  |                                 |   |  |          |              |    |  |  |  |  |  |